

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-18. (Cancelled).

19. (Currently amended) A method for treating cancer characterized by overexpression of Her2, in a patient, comprising administering an antibody or fragment thereof that binds [[to]] an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC. No. HB 12078, and which induces apoptosis in Her2 overexpressing cells.

20. (Previously presented) The method of claim 19, wherein the antibody or fragment thereof is a monoclonal antibody.

21. (Previously presented) The method of claim 19, wherein the antibody or fragment thereof is a humanized antibody.

22. (Previously presented) The method of claim 19, wherein the antibody or fragment thereof is a human antibody.

23. (Previously presented) The method of claim 19, wherein the antibody or fragment thereof is a F(ab) or Fab' fragment.

24. (Previously presented) The method of claim 19, wherein the antibody or fragment thereof is produced by the hybridoma cell line ATCC No. HB 12078.

25. (Withdrawn) The method of claim 19, wherein the cancer is selected from breast cancer, ovarian cancer, prostate cancer, gastric cancer, and colorectal cancer.

26. (Withdrawn) The method of claim 19, wherein the overexpression of Her2 is at least 10% higher than a normal basal level.

27. (Withdrawn) The method of claim 19, wherein the overexpression of Her2 is at least 20% higher than a normal basal level.

28. (Withdrawn) The method of claim 19, wherein the overexpression of Her2 is at least 30% higher than a normal basal level.

29. (Previously presented) The method of claim 19, wherein the antibody or fragment thereof is administered with a chemotherapeutic agent.

30. (Currently amended) The method of claim [[19]] 29, wherein the chemotherapeutic agent is selected from cisplatin and 5-fluorouracil.

31. (Withdrawn) The method of claim 19, wherein the antibody or fragment thereof is conjugated to a cytotoxic agent.

32. (Withdrawn) The method of claim 31, wherein the cytotoxic agent is selected from an A chain toxin, a ribosome inactivating protein, and a ribonuclease.

33. (Withdrawn) The method of claim 19, wherein the antibody or fragment thereof is administered parenterally, subcutaneously, intravenously, or intramuscularly.

34. (Withdrawn) The method of claim 19, wherein the antibody or fragment thereof is a monoclonal antibody that binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078.

35. (Withdrawn) The method of claim 19, wherein the antibody or fragment thereof is a humanized antibody that binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078.

36. (Withdrawn) The method of claim 19, wherein the antibody or fragment thereof is a human antibody that binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078.

37. (Withdrawn) The method of claim 19, wherein the antibody or fragment thereof is a F(ab) or Fab' fragment that binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078.

38. (Withdrawn) The method of claim 19, wherein the antibody or fragment thereof binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078, and wherein the cancer is selected from breast cancer, ovarian cancer, prostate cancer, gastric cancer, and colorectal cancer.

39. (Withdrawn) The method of claim 19, wherein the antibody or fragment thereof binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC NO. HB 12078, and wherein the overexpression of Her2 is at least 10% higher than a normal basal level.

40. (Withdrawn) The method of claim 39, wherein the overexpression of Her2 is at least 20% higher than a normal basal level.

41. (Withdrawn) The method of claim 40, wherein the overexpression of Her2 is at least 30% higher than a normal basal level.

42. (Cancelled)

43. (Cancelled)

44. (Withdrawn) The method of claim 19, wherein the antibody or fragment thereof binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078, and wherein the antibody or fragment thereof is conjugated to a cytotoxic agent.

45. (Withdrawn) The method of claim 44, wherein the cytotoxic agent is selected from an A chain toxin, a ribosome inactivating protein, and a ribonuclease.

46. (Withdrawn) The method of claim 19, wherein the antibody or fragment thereof binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078, and wherein the antibody or fragment thereof is administered parenterally, subcutaneously, intravenously, or intramuscularly.

47. (Withdrawn) A method of inducing apoptosis in Her2 expressing cells comprising administering an amount of an antibody or fragment thereof, wherein said amount is sufficient to induce apoptosis in said Her2 expressing cells.

48. (Withdrawn) The method of claim 47, wherein the antibody or fragment thereof is a monoclonal antibody.

49. (Withdrawn) The method of claim 47, wherein the antibody or fragment thereof is a humanized antibody.

50. (Withdrawn) The method of claim 47, wherein the antibody or fragment thereof is a human antibody.

51. (Withdrawn) The method of claim 47, wherein the antibody or fragment thereof is a F(ab) or Fab' fragment.

52. (Withdrawn) The method of claim 47, wherein the antibody or fragment thereof is produced by the hybridoma cell line ATCC No. HB 12078.

53. (Withdrawn) The method of claim 47, wherein the antibody or fragment thereof is a monoclonal antibody that binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078.

54. (Withdrawn) The method of claim 47, wherein the antibody or fragment thereof is a humanized antibody that binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078.

55. (Withdrawn) The method of claim 47, wherein the antibody or fragment thereof is a human antibody that binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078.

56. (Withdrawn) The method of claim 47, wherein the antibody or fragment thereof is a F(ab) or Fab' fragment that binds an epitope on Her2 which is recognized by a monoclonal antibody produced by hybridoma cell line ATCC No. HB 12078.